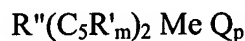


VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS

Claim 37 has been amended as follows:

37. (Amended) A polymer product comprising an isotactic polymer produced by the polymerization of an alpha olefin in the presence of a catalyst system comprising a transition metal component in the form of a chiral, stereorigid metallocene having the formula:



wherein (C₅R'_m) is a substituted cyclopentadienyl group in which R-R' is a hydrogen or a hydrocarbyl radical having from 1-20 carbon atoms, each R' being the same or different, and R'' is a silicon hydrocarbyl radical acting as an interannular bridge between the two (C₅ R'm) rings, provided that at least one R' is a hydrocarbyl radical imparting chirality to said stereorigid metallocene, Q is a hydrocarbon radical chosen from the group consisting of an aryl, alkyl, alkenyl, alkylaryl and arylalkyl radical having 1-20 carbon atoms or is a halogen; Me is a group 4b, 5b, or 6b metal as designated in the Periodic Table of Elements; ~~0~~1 ≤ m ≤ 4 ; and 0 ≤ p ≤ 3.